## (19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 17 November 2005 (17.11.2005)

**PCT** 

## (10) International Publication Number WO 2005/108420 A1

- (51) International Patent Classification<sup>7</sup>: C07K 14/47, C12N 15/12, C12Q 1/68, G01N 33/68, A61P 35/00, A61K 31/713, 38/17, 39/00
- (21) International Application Number:

PCT/GB2005/001197

- **(22) International Filing Date:** 24 March 2005 (24.03.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:

0407587.5

2 April 2004 (02.04.2004) GB

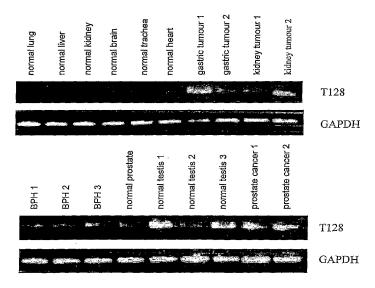
- (71) Applicant (for all designated States except US): THE NOTTINGHAM TRENT UNIVERSITY [GB/GB]; Clifton Lane, Nottingham NG11 8NS (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): REES, Robert, Charles [GB/GB]; 48 Longford Road, Bradway, Sheffield

S17 4LQ (GB). MILES, Amanda, Kathleen [GB/GB]; 25 Sovereign Way, Heanor, Derbyshire DE75 7SB (GB). LI, Geng [CN/GB]; 25 Belmont Close, Beeston, Nottingham NG9 5FY (GB).

- (74) Agent: ELSY, David; Withers & Rogers LLP, Goldings House, 2 Hays Lane, London SE1 2HW (GB).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

[Continued on next page]

(54) Title: CANCER ASSOCIATED ANTIGENS



(57) Abstract: The invention relates to isolated nucleic acid sequences which are expressed in cancers, especially gastrointestinal, kidney and prostate cancers, to their protein products and to the use of the nucleic acid and protein products for the identification and treatment of cancers.



## WO 2005/108420 A1



FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

## Published:

with international search report